



ENVIRONMENTAL PRODUCT DECLARATION

Carbon Footprint

09.04.2021

E5® Liquid Fly Ash

Specification Products uses Life Cycle Assessment (LCA) to assess and improve the environmental performance of its products in the value chain and as a basis for policy decision making.

This carbon footprint is the result of the LCA which measures human demand on nature.

The underlying LCA has been prepared with guidance of the ISO 14021 standard for Environmental labels and declarations - Self-declared environmental claims, without third party verification.

The Global Warming Potential (CML 2021 - Jan. 2016) for one metric ton of E5® Liquid Fly Ash is presented below. Transport of raw materials to the manufacturing site in the US is included in the study.

The result includes the environmental loads from all the processes in the life cycle cradle to factory gates, i.e. extraction of natural resources, raw material production, energy production, and transportation.

Global warming potential, GWP, is the index used to translate the level of emissions of various gases into a common measure to compare their contributions to the absorption by the atmosphere of infrared radiation.

Carbon footprint result (Cradle to Gate)

| Category of Impact | Equivalent Unit | Impact |
|---|--------------------|--------|
| Global warming potential (GWP, 100 years) | kg CO ₂ | 491 |
| Global warming potential (GWP, 100 years) excluding biogenic carbon | kg CO ₂ | 491 |

We are a global concrete solutions leader. Construction stakeholders worldwide rely on our proprietary chemistry and process to deliver a consistently superior end product. We focus on the overall experience for each individual to ultimately assist those in the field. This commitment provides a better outcome for all involved.